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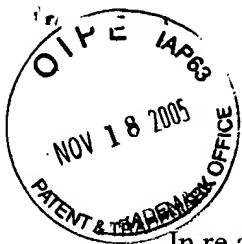
PTO/SB/21 (6-99)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/978,191
		Filing Date	October 15, 2001
		First Named Inventor	Audrey Goddard
		Group/Art Unit	1646
		Examiner Name	O'Hara, Eileen B.
Total Number of Pages in This Submission	95	Attorney Docket Number	39780-2630 P1C4
<b>ENCLOSURES (check all that apply)</b>			
<input type="checkbox"/> FEE TRANSMITTAL FORM <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> <b>RESPONSE/AMENDMENT</b> <input checked="" type="checkbox"/> <b>After Final</b> <input type="checkbox"/> Version With Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> EXTENSION OF TIME REQUEST <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Copy of Notice		<input type="checkbox"/> STATEMENT UNDER 37 CFR 1.125(b)(1) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> <b>ADDITIONAL ENCLOSURE(S) (PLEASE IDENTIFY BELOW):</b> <input checked="" type="checkbox"/> <b>EXHIBITS 1-8; AND STAMPED RETURN POSTCARD</b>	
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<b>SIGNATURE OF APPLICANT, ATTORNEY OR AGENT</b>			
Firm or Individual name	HELLER EHRMAN LLP 275 Middlefield Road, Menlo Park, California 94025		BARRIE D. GREENE (Reg. No. 46,740) Telephone: (650) 324-7000 Facsimile: (650) 324-0638
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	)	Examiner: O'Hara, Eileen B.
	)	
Audrey GODDARD, et al.	)	Art Unit: 1646
	)	
Application Serial No. 09/978,191	)	Confirmation No.: 4728
	)	
Filed: October 15, 2001	)	Attorney's Docket No.: 39780-2630 P1C4
	)	
For: <b>SECRETED AND</b>	)	<b>Customer No. 35489</b>
<b>TRANSMEMBRANE</b>	)	
<b>POLYPEPTIDES AND NUCLEIC</b>	)	
<b>ACIDS ENCODING THE SAME</b>	)	

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**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Final Office Action mailed on September 20, 2005, in connection with the above-identified patent application (Paper No./Mail Date 09122005), please enter the following amendments, and consider the following arguments. This response is timely filed under 37 C.F.R. §1.116 within the two month date set for the response, thereby requiring issuance of an advisory action.

Also enclosed herewith are copies of articles by: i) Crowell *et al.*; ii) Haynes *et al.*; iii) Beer *et al.*; iv) Peng *et al.*; v) Kiss *et al.*; vi) Perego *et al.*; vii) Nagao *et al.* and viii) Hong *et al.*

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.